

# MATERIAL SAFETY DATA SHEET

## SECTION I. MANUFACTURER

HERCON ENVIRONMENTAL  
PO BOX 435 ABERDEEN RD  
EMIGSVILLE PA 17318-0435 USA

For information call or in an emergency, call  
(717) 764-1192

## SECTION II.

HAZARDOUS MATERIAL  
IDENTIFICATION SYSTEM

HEALTH = 1  
FLAMMABILITY = 0  
REACTIVITY = 0

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## SECTION III. PRODUCT INFORMATION

PRODUCT NAME: Disrupt EPSM / European Pine Shoot Moth (EPSM), *Rhyacionia boliana*  
COMMON NAME of active ingredient: Insect sex pheromone  
CHEMICAL NAME of active ingredient: E-9-dodecenyl acetate and E-9-dodecen-1-ol (97:3)  
C.A.S. NUMBERS: 35148-19-7, 35237-62-8  
FORMULA:  $C_{14}H_{26}O_2$  and  $C_{12}H_{24}O$   
PRODUCT FORM: Laminated polymeric solid dispenser

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## SECTION IV. PHYSICAL PROPERTIES

BULK DENSITY:	NA	SPECIFIC GRAVITY/25°C:	NA
MELTING POINT:	NA	BOILING POINT:	NA
FREEZING POINT:	NA	VISCOSITY:	NA
PERCENT VOLATILE by volume:	Not determined	pH:	NA
ODOR DESCRIPTION:	Mild	VAPOR DENSITY (AIR = 1):	NA
VAPOR PRESSURE (20°C mm HG):	Not determined		
SOLUBILITY IN WATER:	Practically insoluble		

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## SECTION V. PRODUCT HAZARD INFORMATION

NOTE: BASED ON CURRENTLY AVAILABLE DATA, THE EPSM PHEROMONE **DOES NOT** MEET THE OSHA DEFINITION OF A HAZARDOUS SUBSTANCE. HOWEVER, GOOD INDUSTRIAL HYGIENE PRACTICES SHOULD BE USED IN HANDLING IT.

PERCENT A.I. IN PRODUCT: 6.7% AI

OCCUPATIONAL EXPOSURE LIMITS: Not established

HEALTH/TOXICITY INFORMATION: No significant toxicity expected. Use appropriate procedures to prevent direct contact with skin or eyes and prevent long periods of inhalation.

EFFECTS OF OVEREXPOSURE: None reported

EMERGENCY AND FIRST AID PROCEDURES: EYES: Flush with water for at least 15 minutes. SKIN: Wash with soap and water.

If irritation develops, seek medical attention. INHALATION: Remove from exposure. If breathing is labored, give oxygen. INGES-

TION: If ingested, drink plenty of water. Get medical attention.

SYMPTOMS OF EXPOSURE: May cause skin or eye irritation.

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## SECTION VI. FIRE HAZARD INFORMATION

FLASH POINT: NA

FLAMMABLE LIMITS IN AIR: NA

EXTINGUISHING MEDIA: Carbon dioxide, foam

SPECIAL FIRE FIGHTING PROCEDURES: If involved in fire, use air-supplied equipment. Do not inhale fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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## SECTION VII. REACTIVITY INFORMATION

PRODUCT STABILITY: Unstable \_\_\_\_\_ Stable   X    
HAZARDOUS POLYMERIZATION: May Occur \_\_\_\_\_ May Not Occur   X    
CONDITIONS TO AVOID: None specified  
MATERIAL TO AVOID: Strong oxidizing agents  
HAZARDOUS DECOMPOSITION PRODUCTS: On combustion, the polymeric dispenser may produce, CO, CO<sub>2</sub>, HCL, and CL<sub>2</sub>.

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### SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Place unpouched strips in tightly sealed containers. Keep out of water sources and sewers.

WASTE DISPOSAL METHOD: Incinerate or otherwise manage at RCRA permitted waste management facility. Do not reuse empty containers. Check state and local authorities for other options.

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### SECTION IX. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Usually none required

EYE PROTECTION: Usually none required

VENTILATION: Good general ventilation

PROTECTIVE GLOVES: None required but vinyl, latex, or rubber gloves recommended for continuous handling.

OTHER PROTECTIVE EQUIPMENT: None under normal usage.

NOTE: Personal protection information described above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

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### SECTION X. HANDLING AND STORAGE PRECAUTIONS

GENERAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in sealed pouches in a cool dry area, away from excessive heat and open flame. To maintain product integrity, protect from high temperatures. Keep container sealed. Launder contaminated clothing before use. Wear protective equipment described above if exposure conditions warrant. Do not allow to contaminate water sources, food, or feed.

SPECIAL PRECAUTIONARY CONDITIONS: None

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### SECTION XI. TRANSPORTATION

DOT LABEL: None required, non-hazardous material.

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### SECTION XII. DISCLAIMER

It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise material safety data sheets periodically as new merchantability, fitness for a particular purpose of any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. Hercon Environmental assumes no responsibility for any damages, losses, injuries, or consequential damages which may result from the use or misuse of this product and the recipient assumes all such risks.

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By: Priscilla MacLean

DATE REVISED: August 25, 2008

TITLE: Product Development Manager